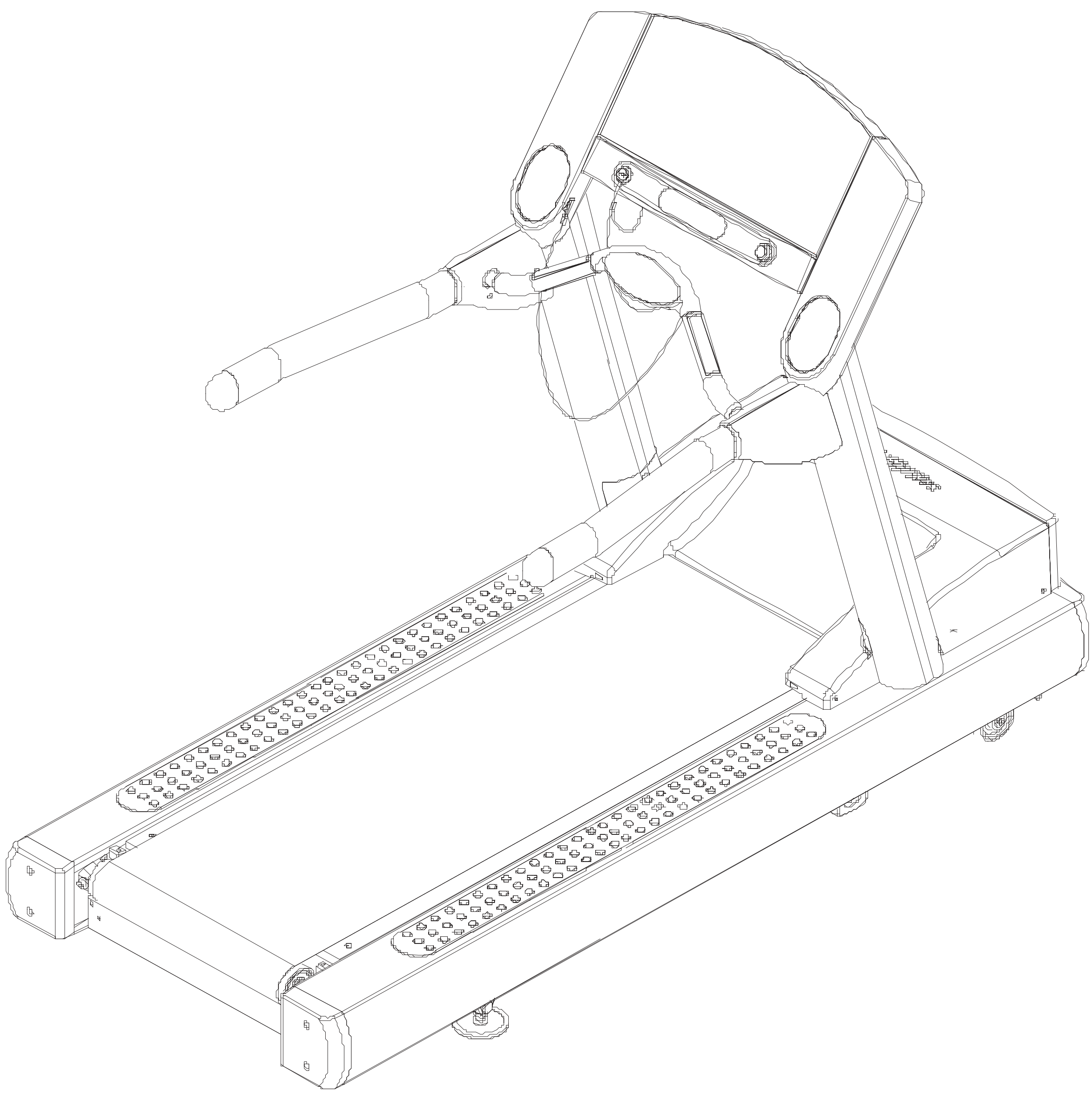
Life Fitness

ARCTIC SILVER 93Ti TREADMILL



Customer Support Services

PARTS MANUAL rev. 31 Jan 2007

OPERATION MANUAL – (ENG) OPERATION MANUAL – (F/S/P) OPERATION MANUAL – (G/D/I) OPERATION MANUAL – (JAP)	M051-00K58-A330 M051-00K58-A331 M051-00K58-A332 M051-00K58-A333
SERVICE MANUAL	M051-00K58-A253
ACCESS PANEL ASSY. CONSISTS OF: 1) 120” POWER EXT. CABLE 2) CONNECTOR MTG. PLATE 3) F-TYPE ADP CONNECTOR 4) F-TYPE PANEL CONNECTOR	AK58-00329-0000 AK32-00078-0001 0K58-01392-0000 0017-00021-2810 0017-00021-2846
COAX CABLE	AK32-00020-0002
ARCTIC SILVER TOUCH UP PAINT FOR FRAME: SPRAY CAN .5 OZ BOTTLE W/APPLICATOR .33 OZ PEN FOR INK TRANSFER DECALS: .6 OZ BOTTLE .6 OZ PEN	 0017-00008-0204 0017-00008-0205 0017-00008-0206 0017-00008-0210 0017-00008-0211
HARDWARE BAG	AK58-00227-0000

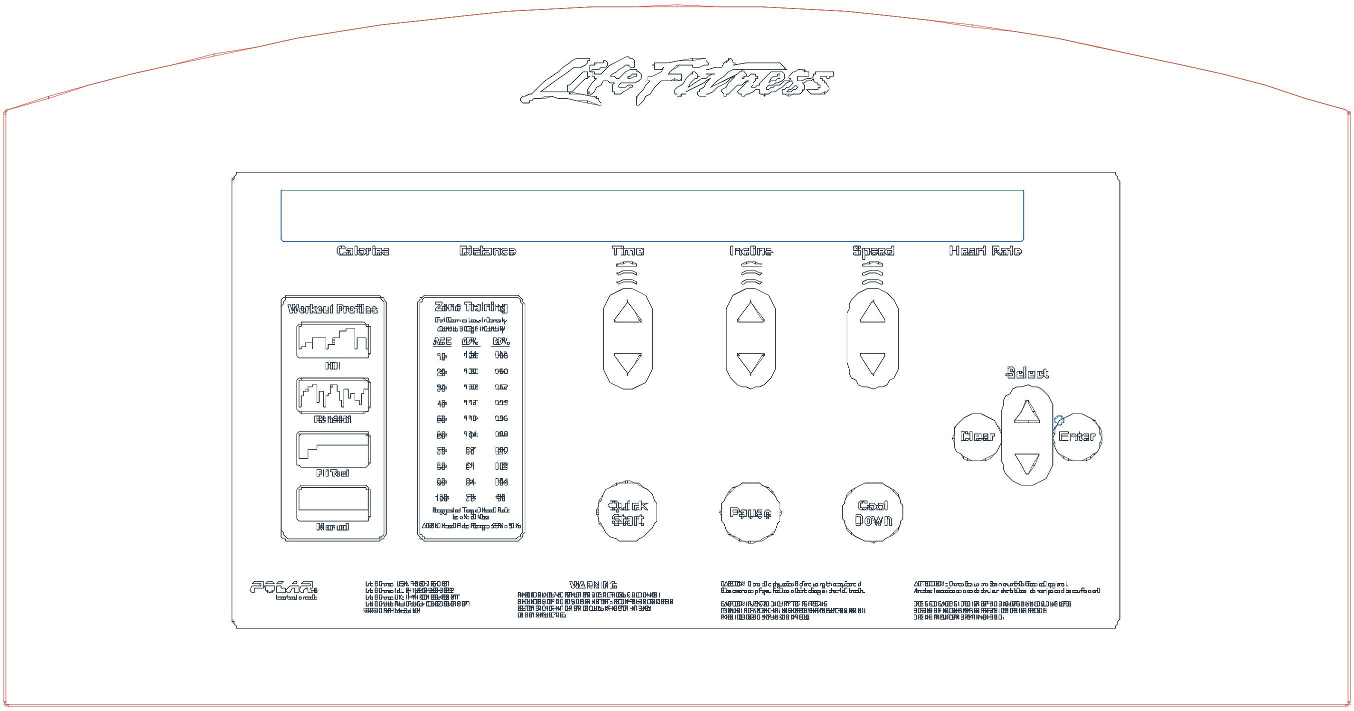
NOTE: When this model is ordered with an attachable LCD TV it becomes a 93TER-XXXX-08. See the Entertainment parts list marked LCD-0XXX-02 for the part numbers and descriptions for the attachable LCD TV, remote and hardware for this product. The 93T-XXXX-08 comes with both Life Pulse sensors and Telemetry for reading Heart Rate.

CONTENTS

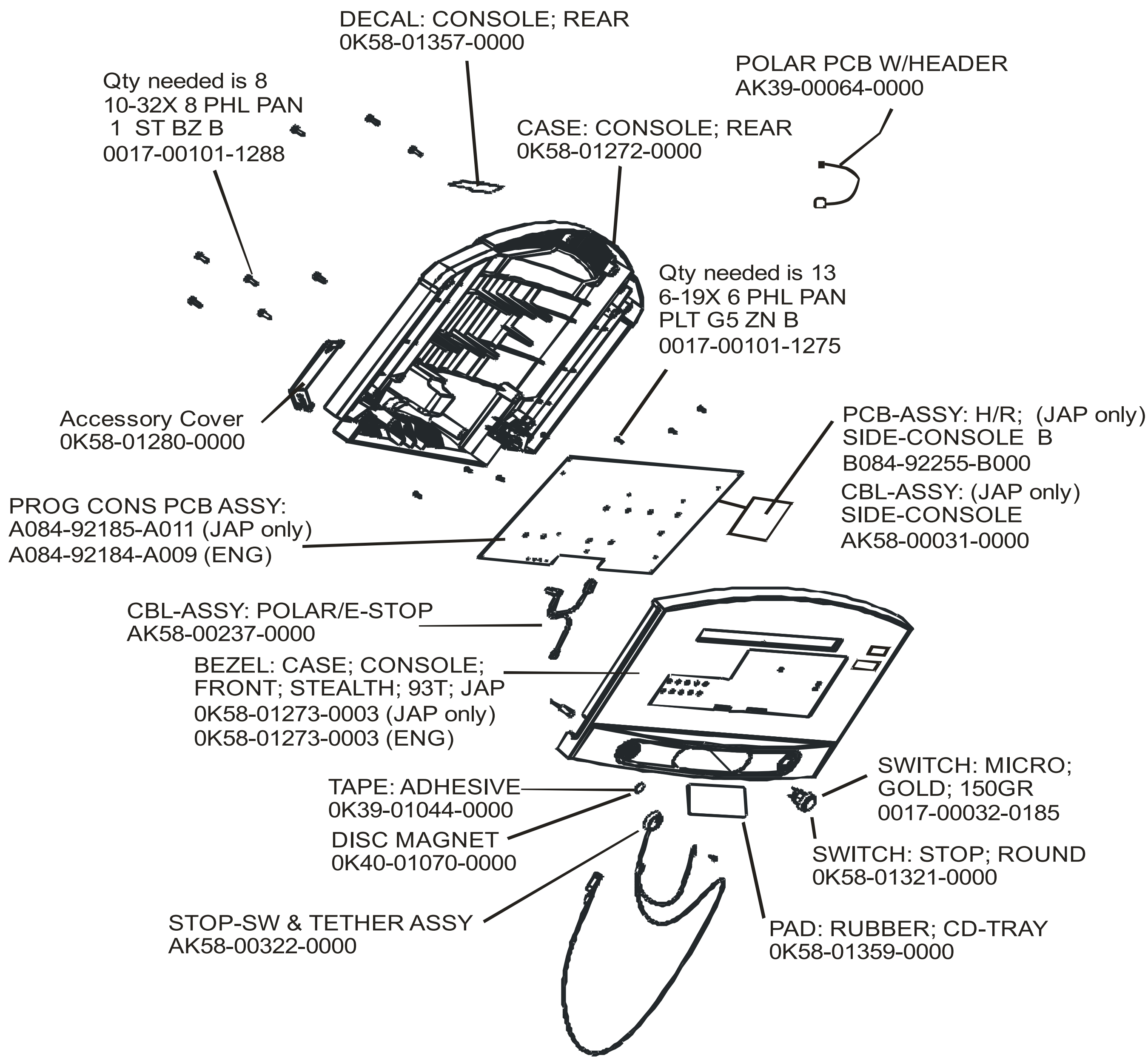
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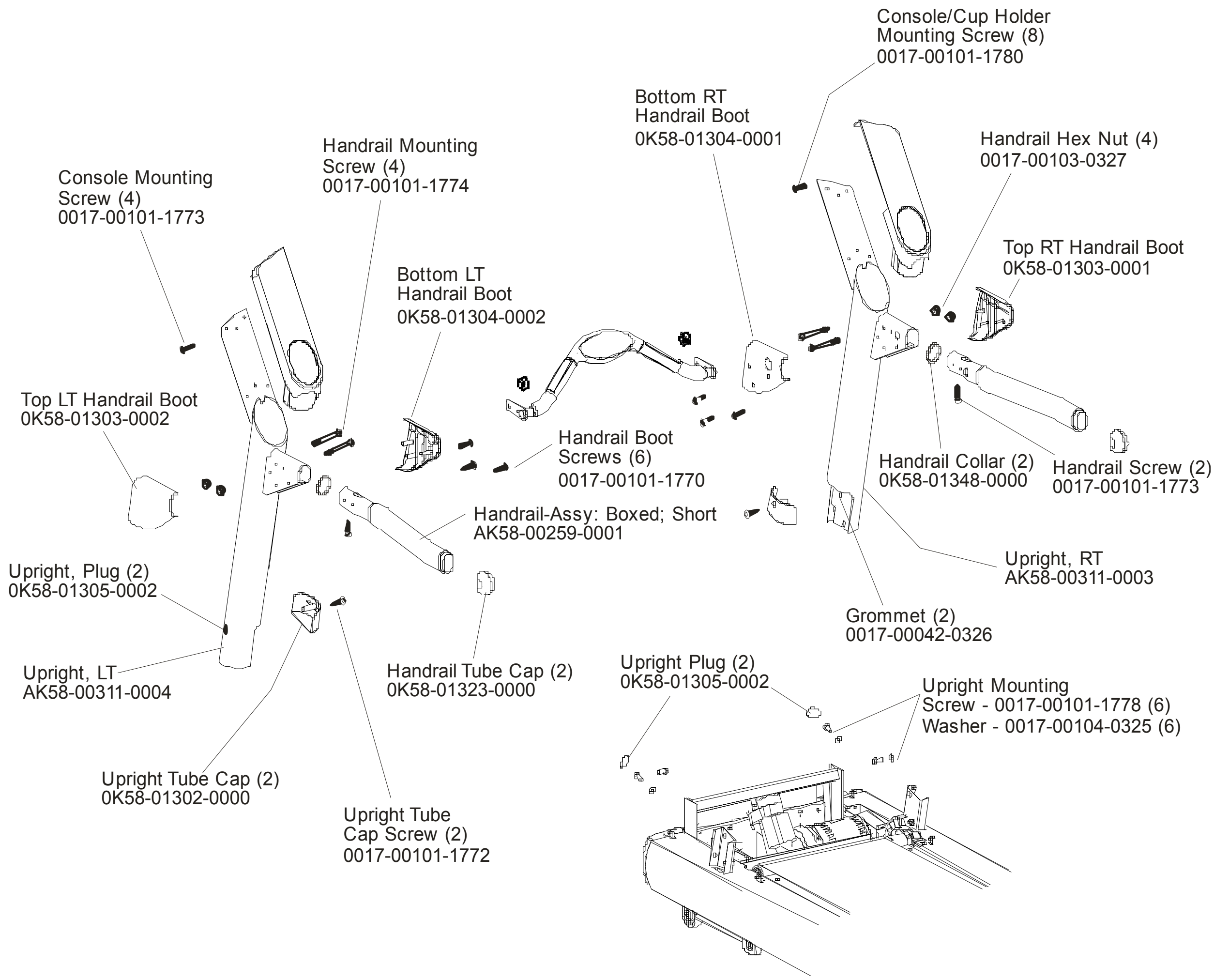
ARCTIC SILVER 93Ti — *93T-XXXX-08*

Console, Overlay Assembly & Overlay — S/N TTW100000 and up

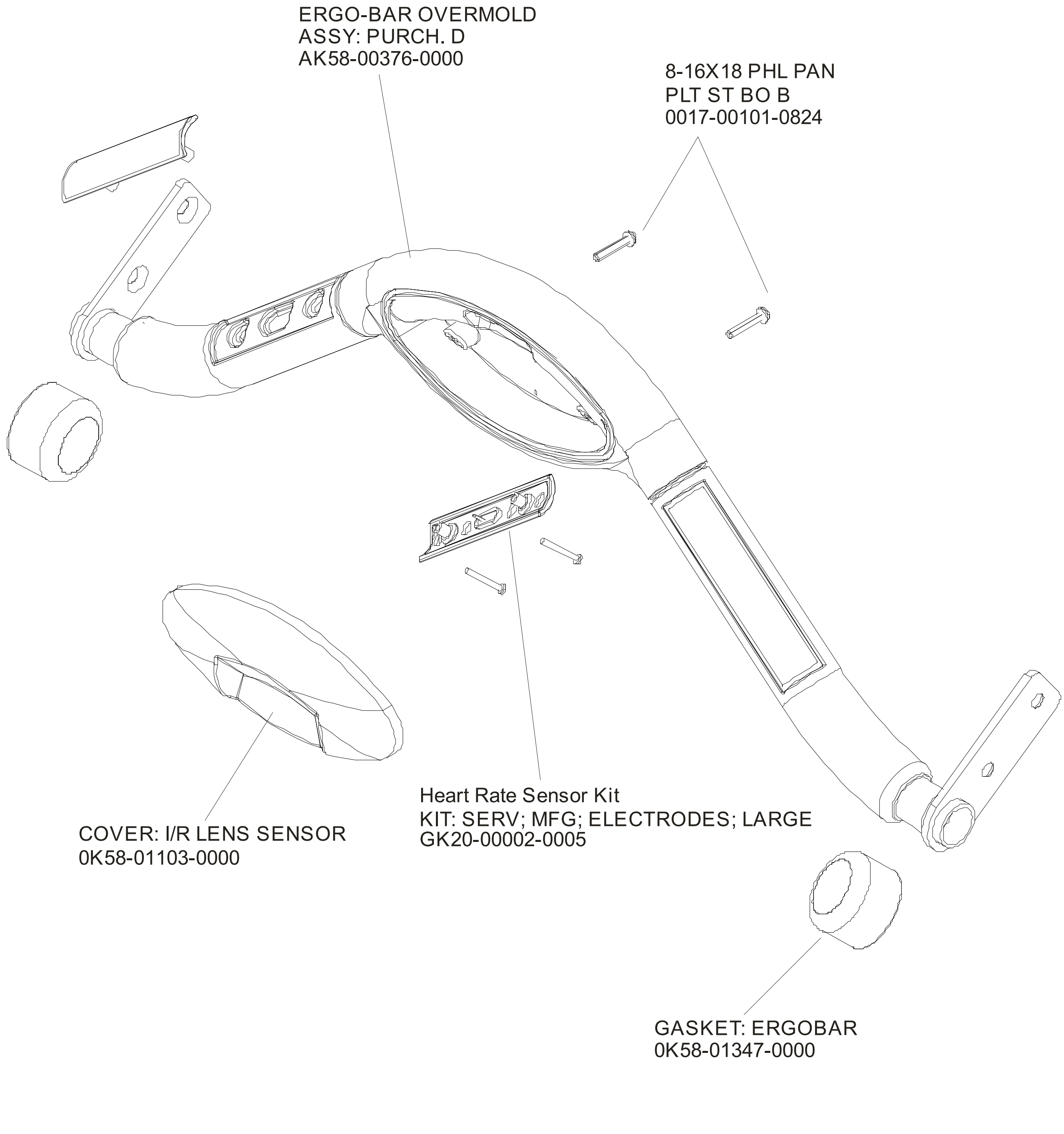


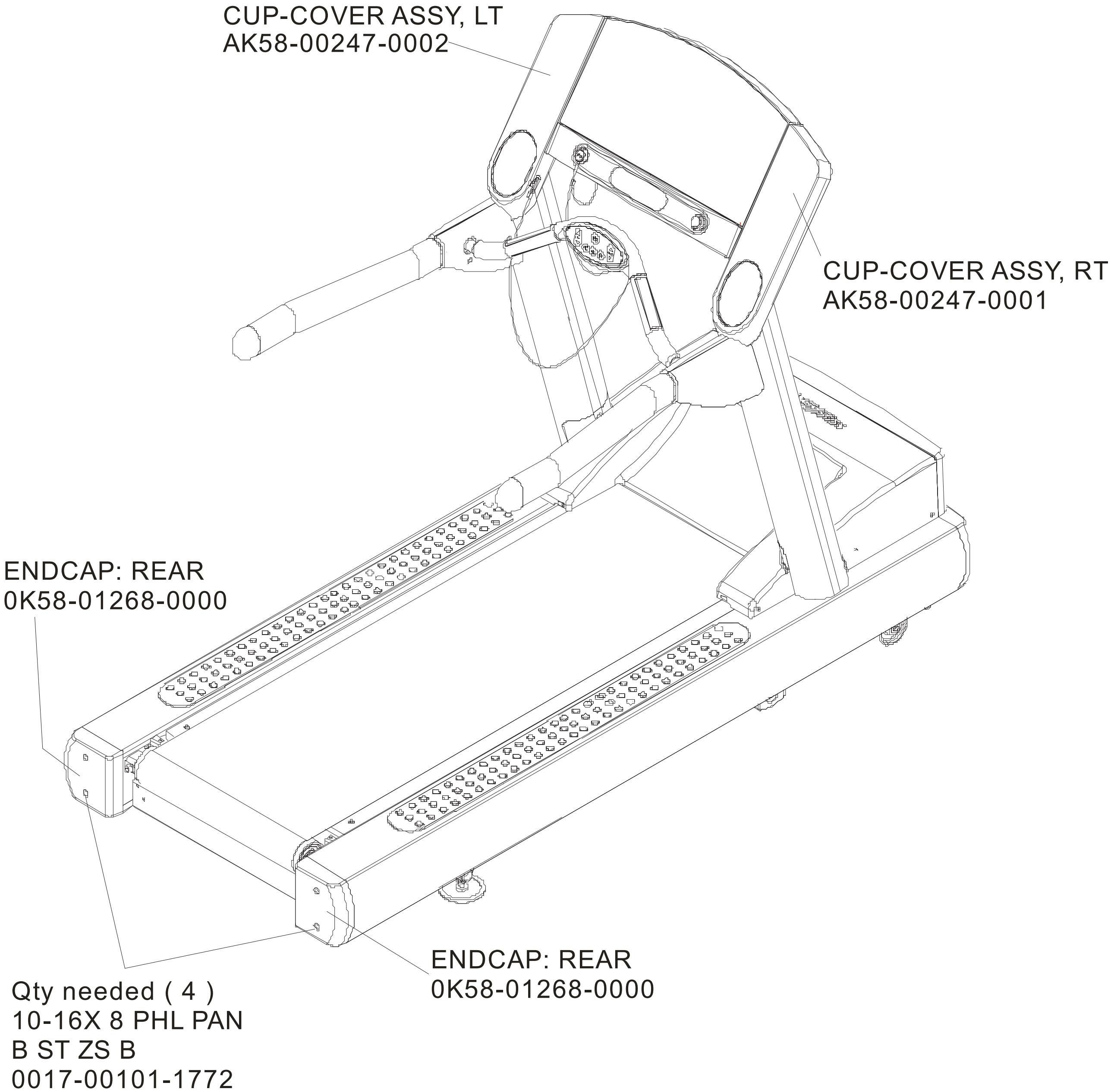
LANGUAGE	CONSOLE	OVERLAY/BEZEL ASSY	OVERLAY
ENG/ENG	AK58-00481-0001	AK58-00526-0001	0K58-01432-0001
ENG+MET	AK58-00481-0002	AK58-00526-0001	0K58-01432-0001
GERMAN	AK58-00481-0003	AK58-00526-0003	0K58-01432-0003
SPANISH	AK58-00481-0004	AK58-00526-0004	0K58-01432-0004
JAPANESE	AK58-00481-0006	AK58-00526-0006	0K58-01445-0006
FRENCH	AK58-00481-0007	AK58-00526-0007	0K58-01432-0007
ITALIAN	AK58-00481-0008	AK58-00526-0008	0K58-01432-0008
DUTCH	AK58-00481-0009	AK58-00526-0009	0K58-01432-0009
PORUGUESE	AK58-00481-0010	AK58-00526-0010	0K58-01432-0010


DECAL: CONSOLE; REAR
0K58-01357-0000
POLAR PCB W/HEADER
AK39-00064-0000
Qty needed is 8
10-32X 8 PHL PAN
1 ST BZ B
0017-00101-1288
CASE: CONSOLE; REAR
0K58-01272-0000
Qty needed is 13
6-19X 6 PHL PAN
PLT G5 ZN B
0017-00101-1275
Accessory Cover
0K58-01280-0000
PCB-ASSY: H/R; (JAP only)
SIDE-CONSOLE B
B084-92255-B000
CBL-ASSY: (JAP only)
SIDE-CONSOLE
AK58-00031-0000
PROG CONS PCB ASSY:
A084-92185-A011 (JAP only)
A084-92184-A009 (ENG)
CBL-ASSY: POLAR/E-STOP
AK58-00237-0000
BEZEL: CASE; CONSOLE;
FRONT; STEALTH; 93T; JAP
0K58-01273-0003 (JAP only)
0K58-01273-0003 (ENG)
TAPE: ADHESIVE
0K39-01044-0000
DISC MAGNET
0K40-01070-0000
SWITCH: MICRO;
GOLD; 150GR
0017-00032-0185
SWITCH: STOP; ROUND
0K58-01321-0000
STOP-SW & TETHER ASSY
AK58-00322-0000
PAD: RUBBER; CD-TRAY
0K58-01359-0000

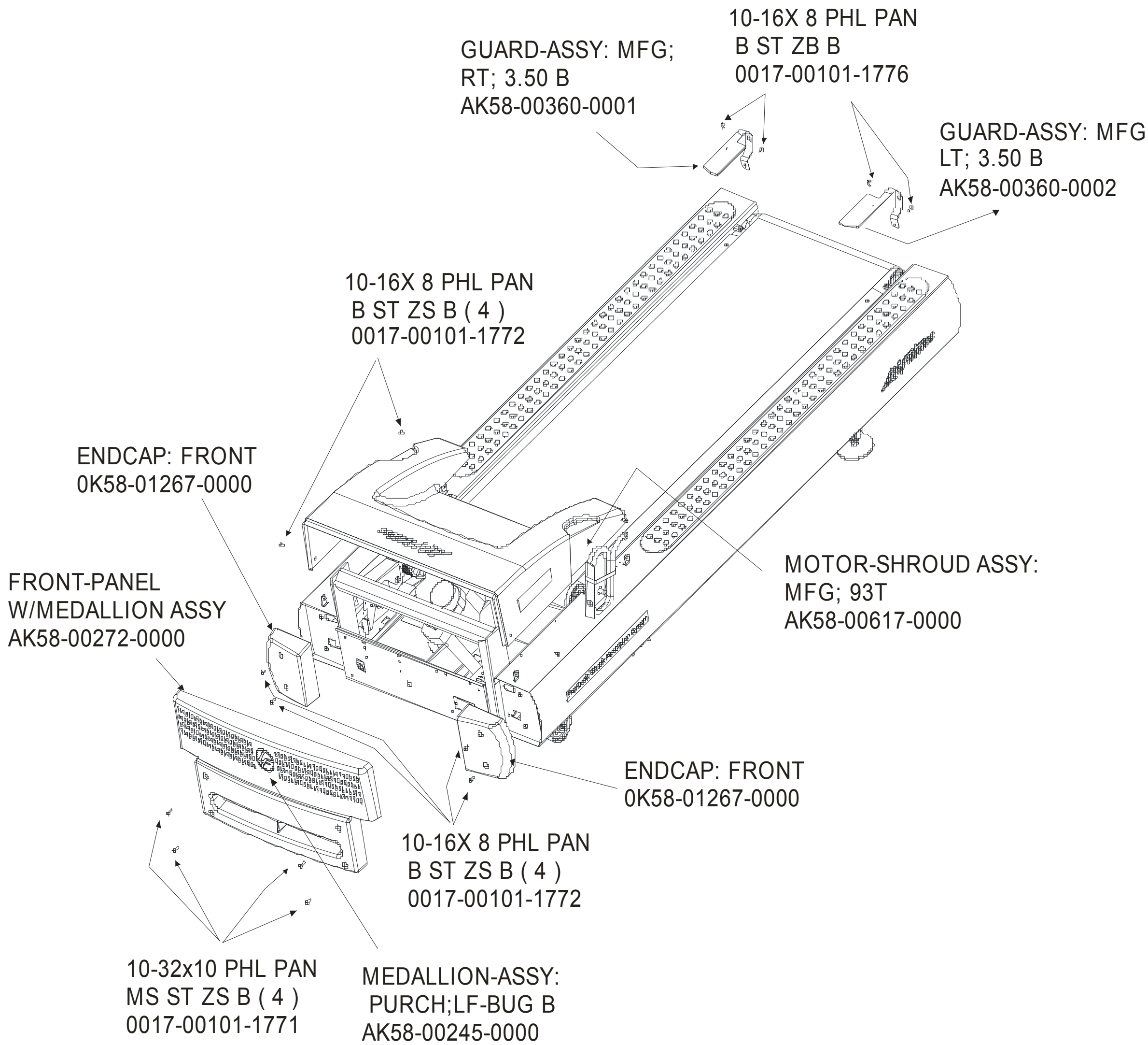


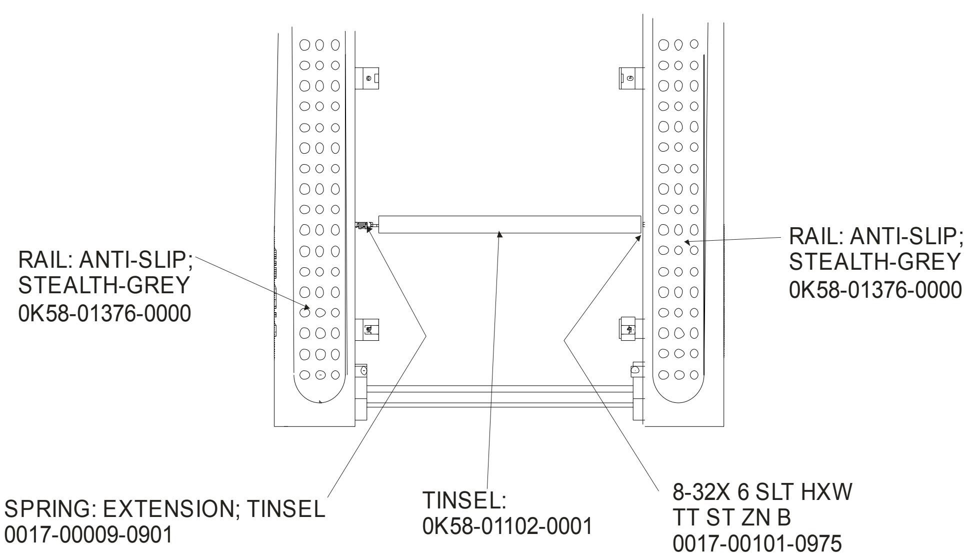
Console/Cup Holder Mounting Screw (8) 0017-00101-1780
Bottom RT Handrail Boot 0K58-01304-0001
Handrail Hex Nut (4) 0017-00103-0327
Handrail Mounting Screw (4) 0017-00101-1774
Console Mounting Screw (4) 0017-00101-1773
Top RT Handrail Boot 0K58-01303-0001
Bottom LT Handrail Boot 0K58-01304-0002
Top LT Handrail Boot 0K58-01303-0002
Handrail Boot Screws (6) 0017-00101-1770
Handrail Collar (2) 0K58-01348-0000
Handrail Screw (2) 0017-00101-1773
Handrail-Assy: Boxed; Short AK58-00259-0001
Upright, RT AK58-00311-0003
Upright, Plug (2) 0K58-01305-0002
Grommet (2) 0017-00042-0326
Upright, LT AK58-00311-0004
Handrail Tube Cap (2) 0K58-01323-0000
Upright Plug (2) 0K58-01305-0002
Upright Mounting Screw - 0017-00101-1778 (6)
Washer - 0017-00104-0325 (6)
Upright Tube Cap (2) 0K58-01302-0000
Upright Tube Cap Screw (2) 0017-00101-1772

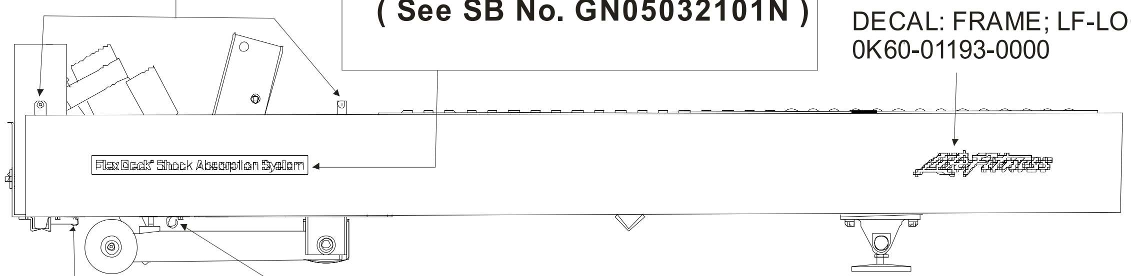

ERGO-BAR OVERMOLD
ASSY: PURCH. D
AK58-00376-0000
8-16X18 PHL PAN
PLT ST BO B
0017-00101-0824
Heart Rate Sensor Kit
KIT: SERV; MFG; ELECTRODES; LARGE
GK20-00002-0005
COVER: I/R LENS SENSOR
0K58-01103-0000
GASKET: ERGOBAR
0K58-01347-0000

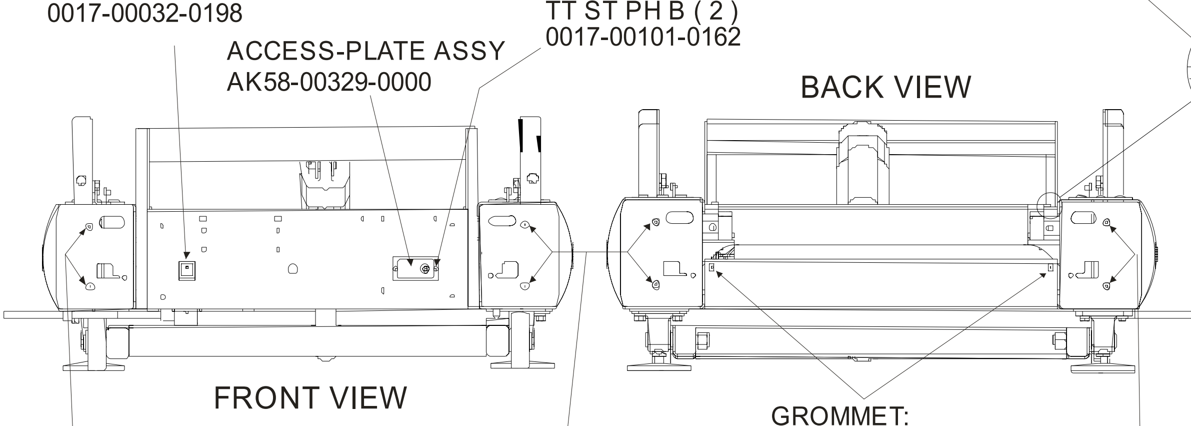

CUP-COVER ASSY, LT
AK58-00247-0002
CUP-COVER ASSY, RT
AK58-00247-0001
ENDCAP: REAR
0K58-01268-0000
ENDCAP: REAR
0K58-01268-0000
Qty needed (4)
10-16X 8 PHL PAN
B ST ZS B
0017-00101-1772

Motor Cover, Front Cover, Front End Caps & Tinsel S/N TTW100000 and up



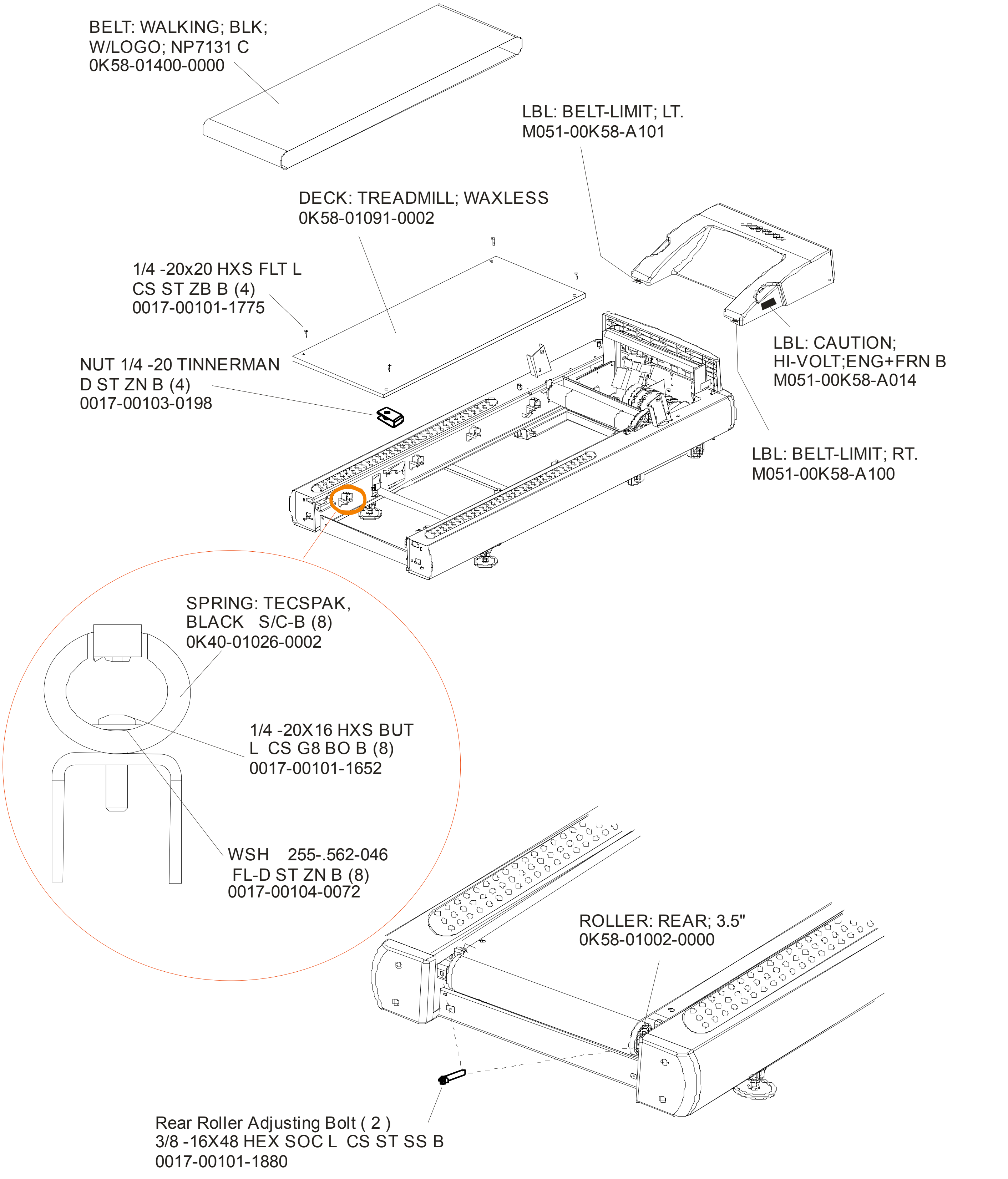


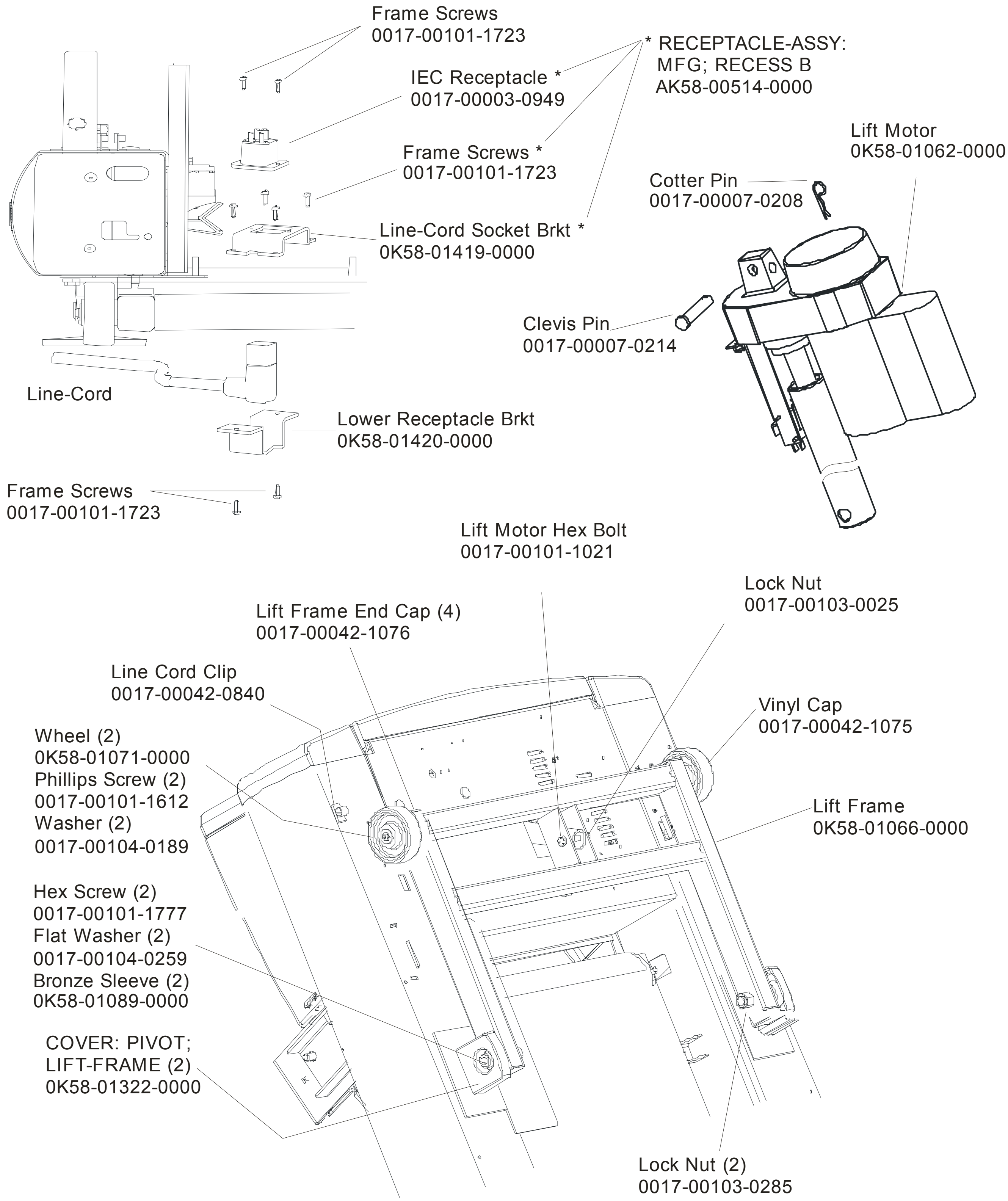

GROMMET: PLASTI; .
130/.005 S/C#13-B (4)
0017-00042-0326
Ink transfer decal can not be replaced in the field, it can only be touched up. (See SB No. GN05032101N)
DECAL: FRAME; LF-LOGO
0K60-01193-0000
FlexDeck Shock Absorption System
CLAMP: WIRE; 5/8"
0017-00042-1072
CLIP: WIRE; PUSH-MTG; 3/4"; S/C#80-B
0017-00042-0840

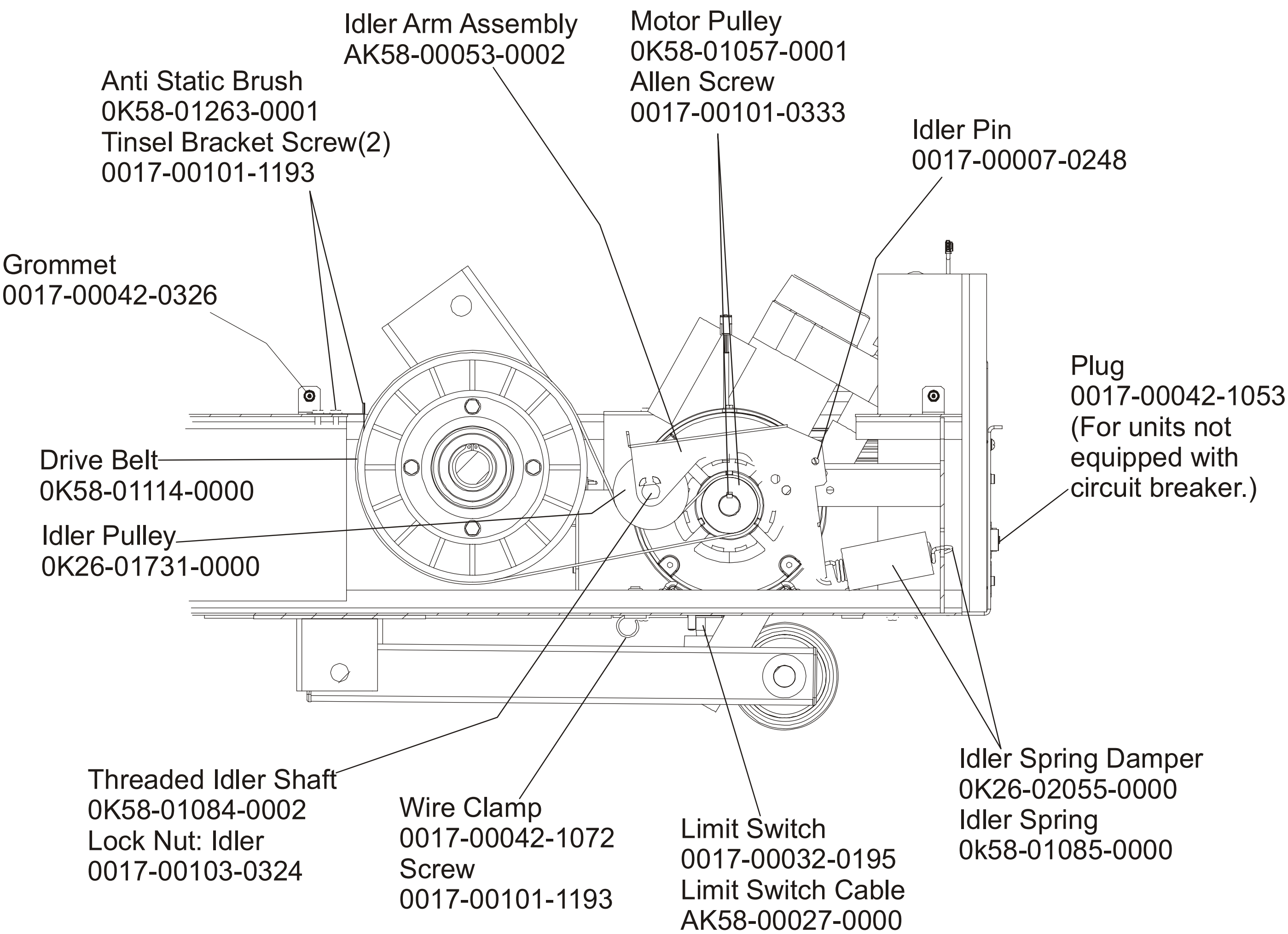

SWITCH: ROCKER;
22A DPST
0017-00032-0198
ACCESS-PLATE ASSY
AK58-00329-0000
8-32X 6 PHL PAN
TT ST PH B (2)
0017-00101-0162
GROMMET: PLASTI; .
130/.005 S/C#13-B (2)
0017-00042-0326
BACK VIEW
FRONT VIEW
GROMMET:
NYLON; SCREW (2)
0017-00042-1147
GROMMET: PLASTI; .
130/.005 S/C#13-B (8)
0017-00042-0326

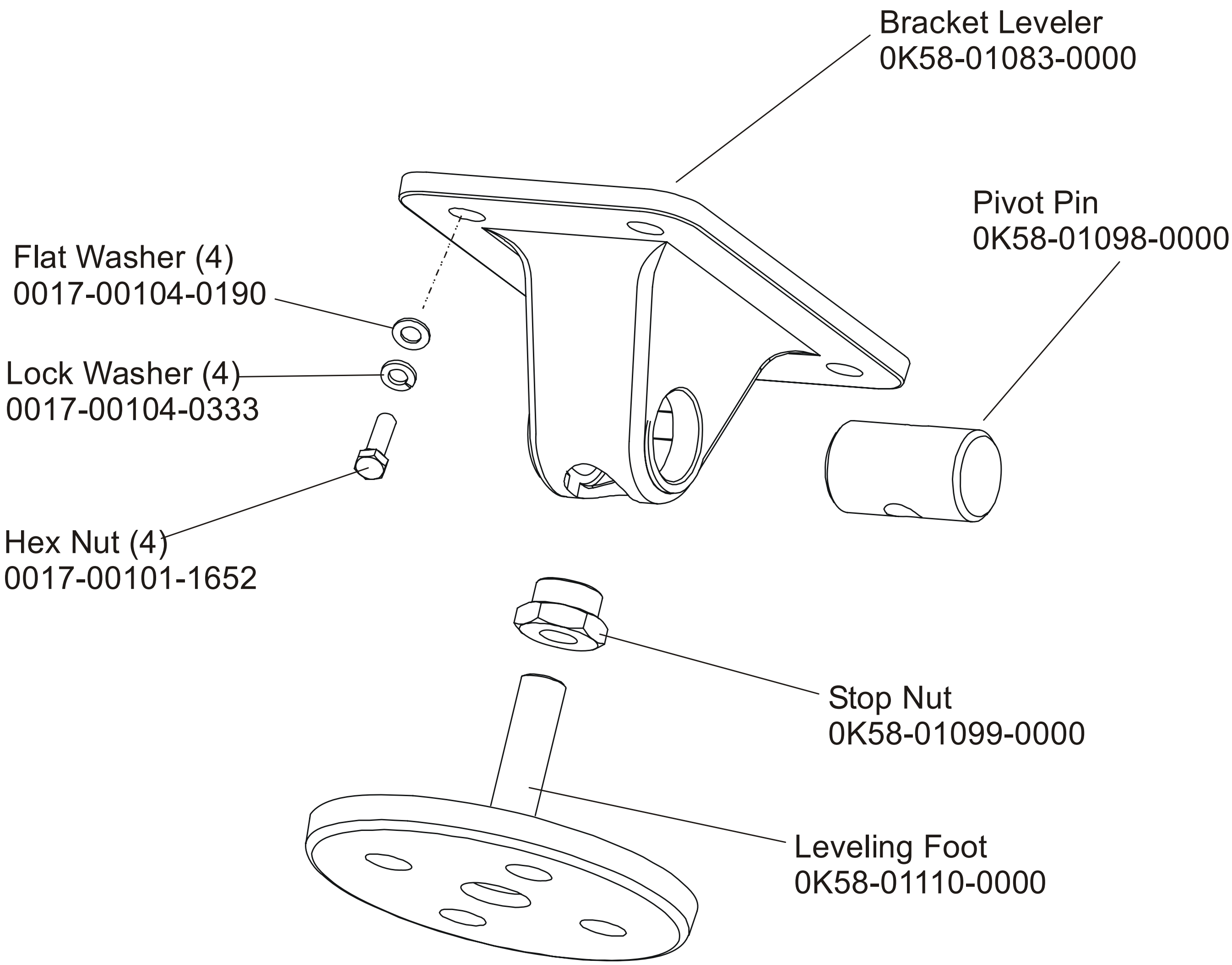
ARCTIC SILVER 93Ti — 93T-XXXX-08

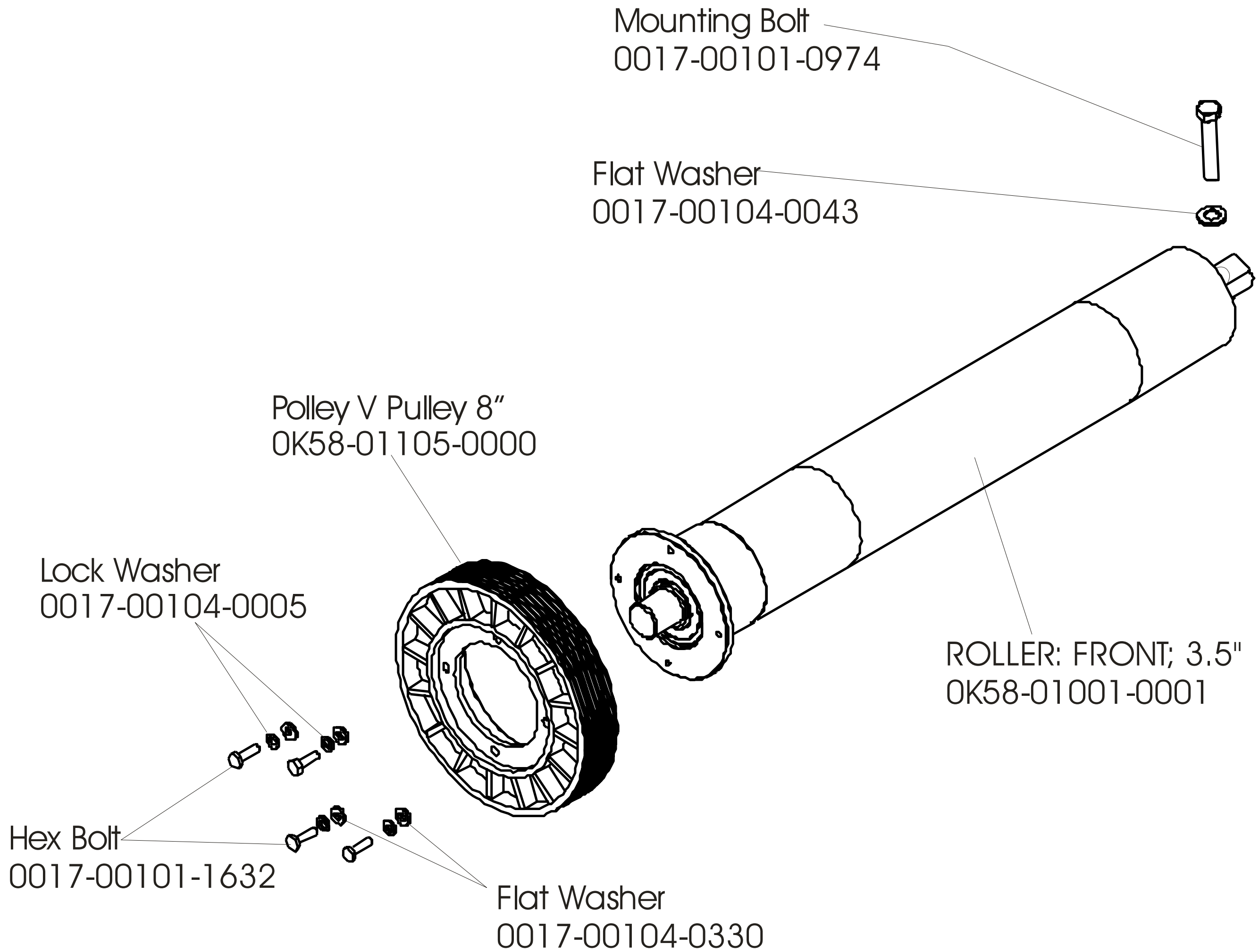
Belt, Deck & Rear Roller — S/N TTW100000 and up



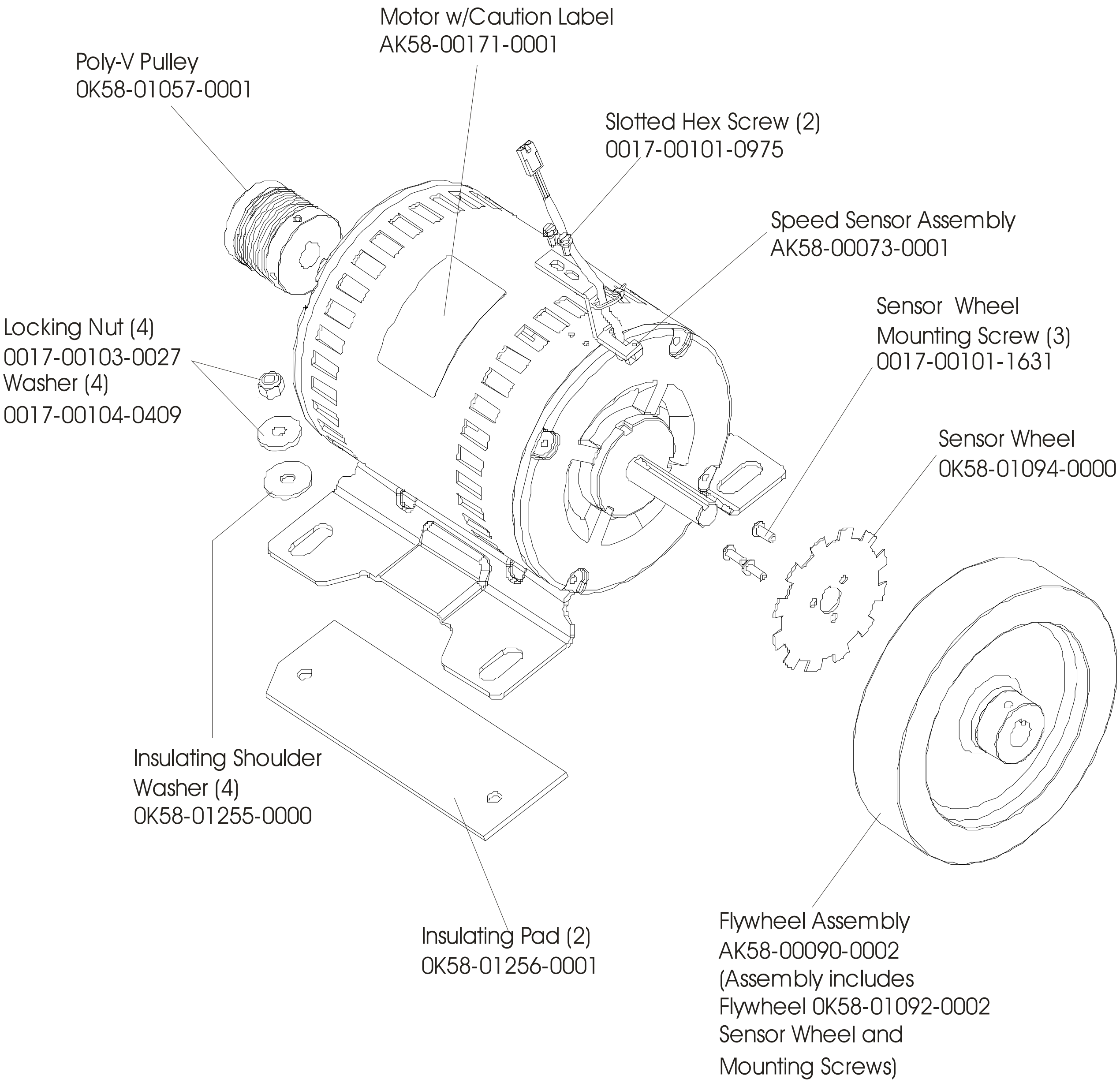

Frame Screws
0017-00101-1723
* RECEPTACLE-ASSY:
MFG; RECESS B
AK58-00514-0000
IEC Receptacle *
0017-00003-0949
Frame Screws *
0017-00101-1723
Lift Motor
0K58-01062-0000
Cotter Pin
0017-00007-0208
Line-Cord Socket Brkt *
0K58-01419-0000
Clevis Pin
0017-00007-0214
Line-Cord
Lower Receptacle Brkt
0K58-01420-0000
Frame Screws
0017-00101-1723
Lift Motor Hex Bolt
0017-00101-1021
Lock Nut
0017-00103-0025
Lift Frame End Cap (4)
0017-00042-1076
Line Cord Clip
0017-00042-0840
Vinyl Cap
0017-00042-1075
Wheel (2)
0K58-01071-0000
Phillips Screw (2)
0017-00101-1612
Washer (2)
0017-00104-0189
Lift Frame
0K58-01066-0000
Hex Screw (2)
0017-00101-1777
Flat Washer (2)
0017-00104-0259
Bronze Sleeve (2)
0K58-01089-0000
COVER: PIVOT;
LIFT-FRAME (2)
0K58-01322-0000
Lock Nut (2)
0017-00103-0285


Idler Arm Assembly
AK58-00053-0002
Motor Pulley
0K58-01057-0001
Allen Screw
0017-00101-0333
Anti Static Brush
0K58-01263-0001
Tinsel Bracket Screw(2)
0017-00101-1193
Idler Pin
0017-00007-0248
Grommet
0017-00042-0326
Plug
0017-00042-1053
(For units not equipped with circuit breaker.)
Drive Belt
0K58-01114-0000
Idler Pulley
0K26-01731-0000
Threaded Idler Shaft
0K58-01084-0002
Lock Nut: Idler
0017-00103-0324
Wire Clamp
0017-00042-1072
Screw
0017-00101-1193
Limit Switch
0017-00032-0195
Limit Switch Cable
AK58-00027-0000
Idler Spring Damper
0K26-02055-0000
Idler Spring
0k58-01085-0000


Bracket Leveler
0K58-01083-0000
Pivot Pin
0K58-01098-0000
Flat Washer (4)
0017-00104-0190
Lock Washer (4)
0017-00104-0333
Hex Nut (4)
0017-00101-1652
Stop Nut
0K58-01099-0000
Leveling Foot
0K58-01110-0000

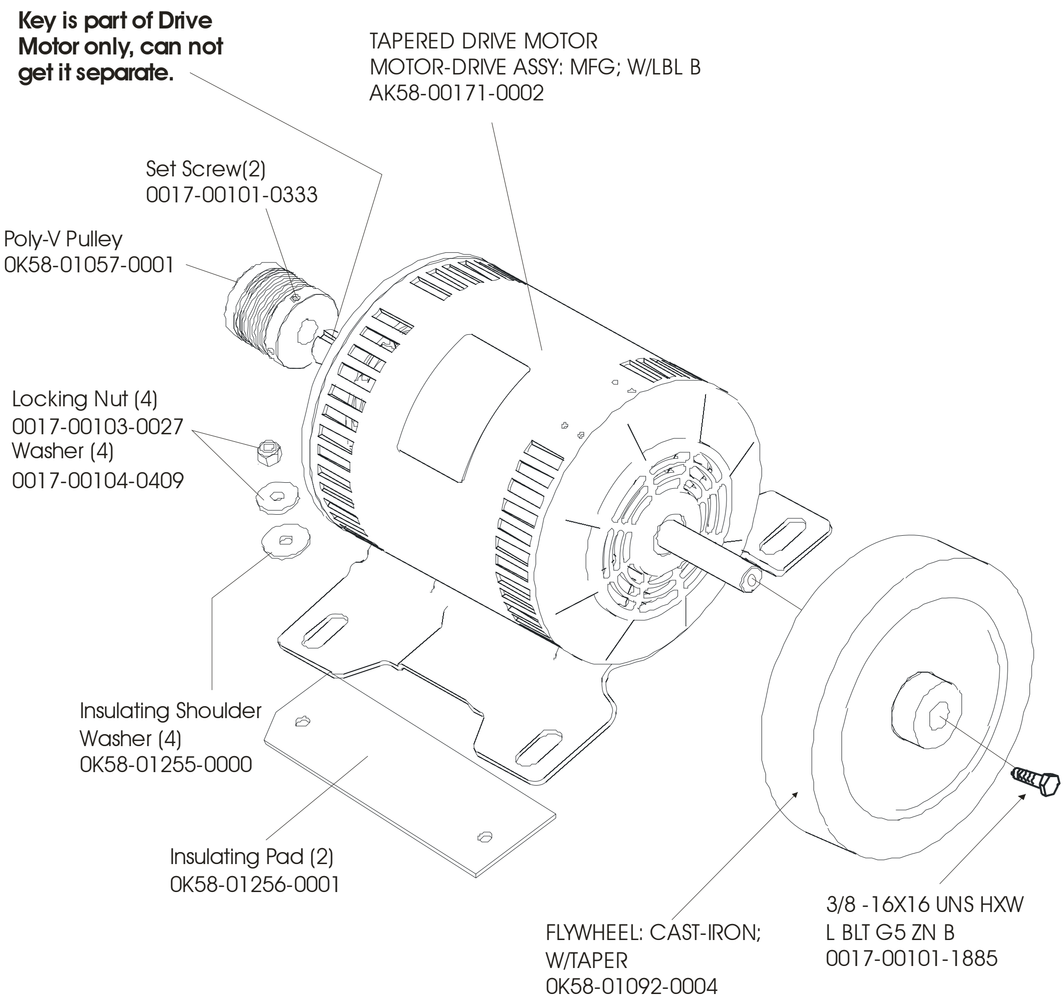

Mounting Bolt
0017-00101-0974
Flat Washer
0017-00104-0043
Polley V Pulley 8”
0K58-01105-0000
Lock Washer
0017-00104-0005
ROLLER: FRONT; 3.5"
0K58-01001-0001
Hex Bolt
0017-00101-1632
Flat Washer
0017-00104-0330

Drive Motor Assembly for 93T-0100-08 only **S/N TTW100000 and up**



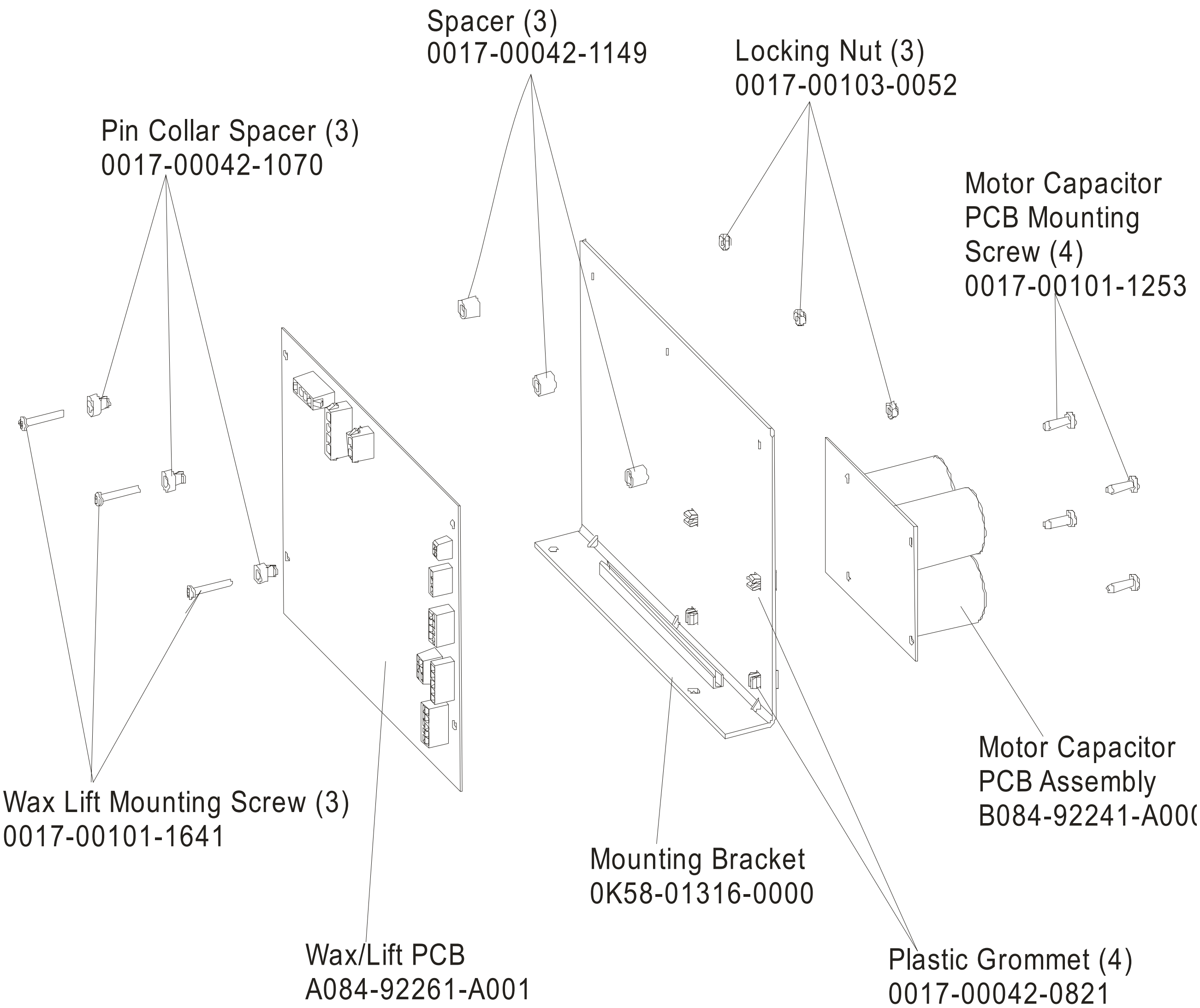
Please note:

93T-0100-08 Uses above Drive Motor Components only



Please note: This Drive Motor set-up is to be used on the following Models Only

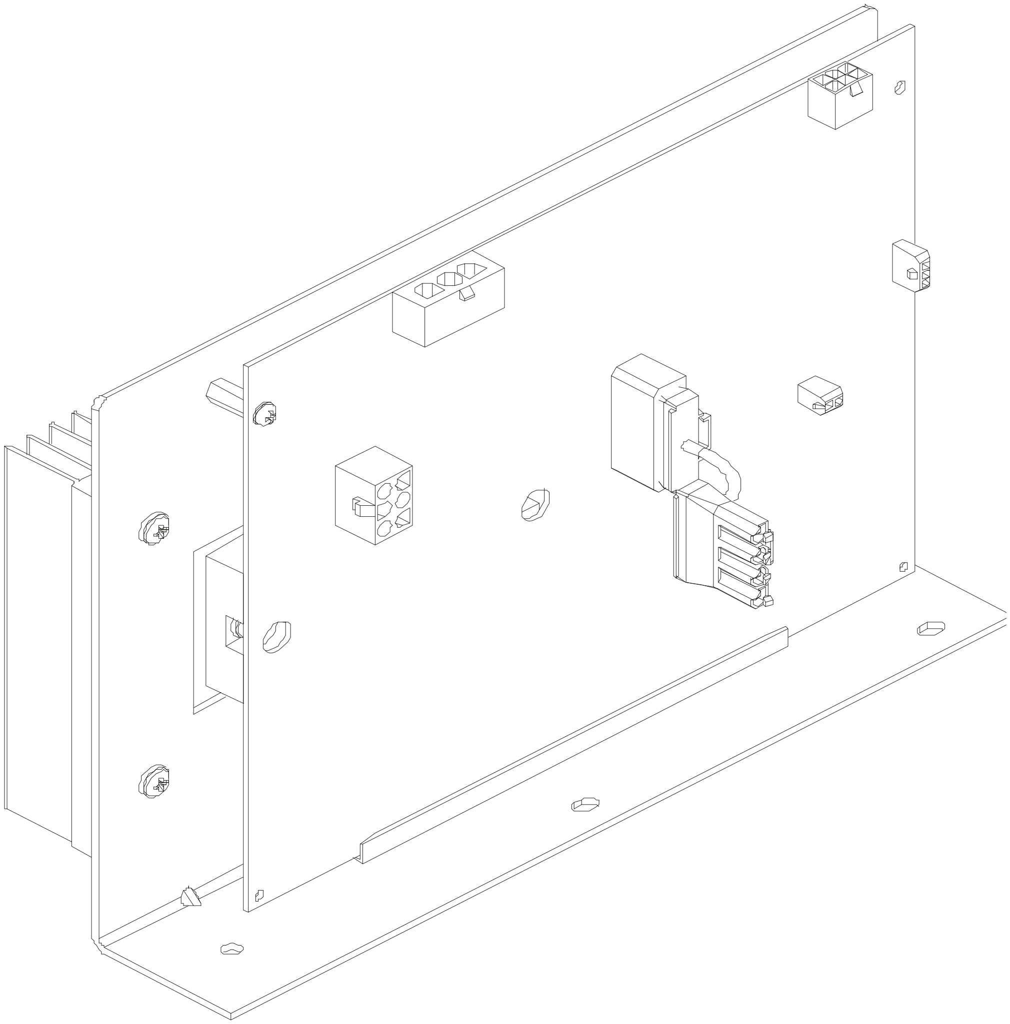
93T-0101-08	93T ENG+MET 230/50 CON	93T-0400-08	93T SPN/MET 120/60 DOM
93T-0102-08	93T ENG+MET 240/50 UK	93T-0401-08	93T SPN/MET 230/50 CON
93T-0103-08	93T ENG+MET 220/60 DOM	93T-0501-08	93T ITL/MET 230/50 CON
93T-0104-08	93T ENG+MET 240V+ AUS	93T-0601-08	93T DUT/MET 230/50 CON
93T-0105-08	93T ENG+MET 100/50 DOM	93T-0705-08	93T JAP/MET 100/50 DOM
93T-0106-08	93T ENG+MET 200/50 DOM	93T-0706-08	93T JAP/MET 200/50 DOM
93T-0109-08	93T ENG+MET 230/50 UK	93T-0800-08	93T POR/MET 120/60 DOM
93T-0201-08	93T GER/MET 230/50 CON	93T-0801-08	93T POR/MET 230/50 CON
93T-0300-08	93T FRN/MET 120/60 DOM	93T-1601-08	93T ENG/TUR 230/50 CON
93T-0301-08	93T FRN/MET 230/50 CON		



PLEASE NOTE:

This is only for

93T-0100-08 ENG/ENG 120/60 DOM UNITS

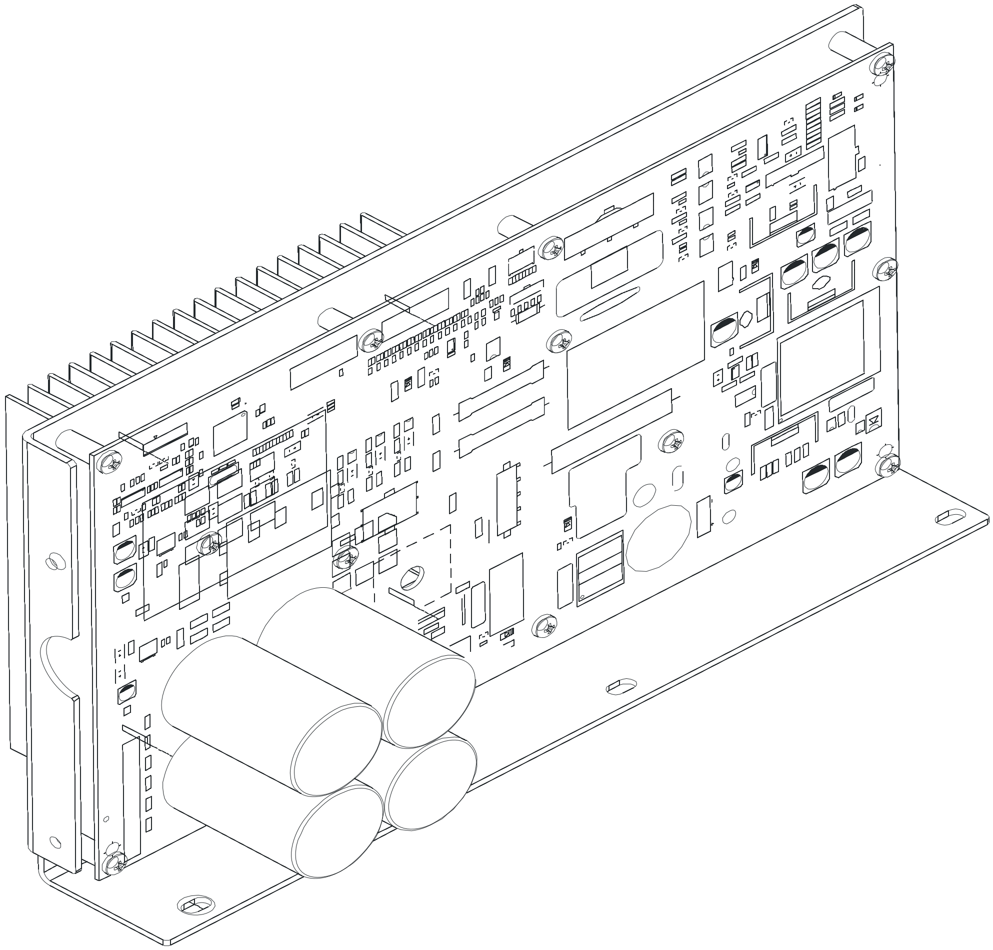


PLEASE NOTE:

This Motor Controller is only used on

93T-0100-08 93T ENG/ENG 120/60 DOM UNITS

AK60-00171-0000 - MTR-CNTRL ASSY: MFG; W/O FERRITE; 100-120; S/C-C



VOLTAGE	PART NUMBER	PART DESCRIPTION
100-120	GK58-00002-0118	KIT: SERV; MFG; DSP CONTROLLER 100-120; LED
200-240	GK58-00002-0120	KIT: SERV; MFG; DSP CONTROLLER 200-240; LED

MODEL #	MODEL DESCRIPTION	STANDARD LINE-CORDS
93T-0100-08	93T ENG/ENG 120/60 DOM	0017-00003-0974 LINE-CORD: R/A; 96"; W/RECP S/C-C
93T-0300-08	93T FRN/MET 120/60 DOM	
93T-0400-08	93T SPN/MET 120/60 DOM	
93T-0800-08	93T POR/MET 120/60 DOM	
93T-0103-08	93T ENG+MET 220/60 DOM	0017-00003-0781 LINE-CORD: R/A; 220V; USA D
93T-0105-08	93T ENG+MET 100/50 DOM	
93T-0106-08	93T ENG+MET 200/50 DOM	
93T-0705-08	93T JAP/MET 100/50 DOM	
93T-0706-08	93T JAP/MET 200/50 DOM	
93T-0101-08	93T ENG+MET 230/50 CON	0017-00003-0696 LINE-CORD: R/A; CEE7; 103" 10A 250V D
93T-0201-08	93T GER/MET 230/50 CON	
93T-0301-08	93T FRN/MET 230/50 CON	
93T-0401-08	93T SPN/MET 230/50 CON	
93T-0501-08	93T ITL/MET 230/50 CON	
93T-0601-08	93T DUT/MET 230/50 CON	
93T-0801-08	93T POR/MET 230/50 CON	
93T-1601-08	93T ENG/TUR 230/50 CON	
93T-0102-08	93T ENG+MET 240/50 UK	0017-00003-0890 LINE-CORD: U.K; R/A
93T-0109-08	93T ENG+MET 230/50 UK	
93T-0104-08	93T ENG+MET 240V+ AUS	0017-00003-0996 LINE-CORD: IEC; AUSTRALIAN; 230/50 C

OPTIONAL LINE-CORDS		
0017-00003-0947	LINE-CORD: 120V; 20A;	12'
0017-00003-0915	LINE-CORD: R/A 120V	8'
0017-00003-0980	LINE-CORD: R/A; NEMA 5-20 144"	12'
0017-00003-0981	LINE-CORD: R/A; W/PLUG 220/60	7.5'
0017-00003-0948	LINE-CORD: 220V; 15A;	12'

PART NUMBER	PART DESCRIPTION	93T-XXXX-08				
		0100 120/60 **DOM**	**0101** 230/50 **CON**	**0102** 240/50 **UK**	**0103** 220/60 **DOM**	**0104** 240V+ **CON**
0017-00003-0626	CIRCUIT-BREAKER: 2A S/C#18-D		X	X	X	X
0017-00003-0898	FILTER: LINE; 10-AMP 4-SHT C		X	X		
0017-00003-0950	CIRCUIT-BREAKER: 4A S/C#18-D					
0017-00003-1015	FILTER: LINE; 20A 3-SHTS C	X			X	X
AK58-00030-0000	CBL-ASSY: EXT FRAME TAG MEM. C	X				
AK58-00031-0000	CBL-ASSY: SIDE-CONSOLE C					
AK58-00032-0000	CBL-ASSY: USER SENSE PROX. C	X	X	X	X	X
AK58-00034-0001	CBL-ASSY: CONSOLE; PWR; UPR C	X	X	X	X	X
AK58-00035-0001	CBL-ASSY: MTR-CNTR INTERFACE C	X				
AK58-00036-0000	CBL-ASSY: EMERGENCY-STOP C	X	X	X	X	X
AK58-00041-0001	CBL-ASSY: H/R SENSORS C	X	X	X	X	X
AK58-00043-0000	CBL-ASSY: SPEED-PICKUP EXTEN C	X				
AK58-00081-0000	CBL-ASSY: JUMPER; BLK; 4" B	X	X	X	X	X
AK58-00082-0000	CBL-ASSY: JUMPER; WHT; 6" B	X	X	X	X	X
AK58-00083-0000	CBL-ASSY: JUMPER; GR/YL; 5" B	X	X	X	X	X
AK58-00210-0000	XFRMR-BRKT ASSY: MFG. C		X	X	X	X
AK58-00222-0000	CBL-ASSY: POWER; 120V C	X				
AK58-00224-0001	CBL-ASSY: MOV; FILTER C	X	X	X	X	X
AK58-00263-0000	CBL-ASSY: HI-POT JUMPER B	X	X	X	X	X
AK58-00520-0000	CBL-ASSY: POWER; 100-200V C	X				
AK58-00522-0000	CBL-ASSY: JUMPER; POWER; LED-CONS B		X	X	X	X
AK58-00524-0000	CBL-ASSY: THERMAL ADAPTER B		X	X	X	X
AK58-00596-0001	CBL-ASSY: POWER; 230-240V; LED; S/C-C		X	X	X	X

PART NUMBER	PART DESCRIPTION	93T-XXXX-08				
		0105 100/50 **DOM**	**0106** 200/50 **DOM**	**0109** 230/50 **CON**	**0201** 230/50 **CON**	**0300** 120/60 **DOM**
0017-00003-0626	CIRCUIT-BREAKER: 2A S/C#18-D		X	X	X	
0017-00003-0898	FILTER: LINE; 10-AMP 4-SHT C		X	X		
0017-00003-0950	CIRCUIT-BREAKER: 4A S/C#18-D	X				
0017-00003-1015	FILTER: LINE; 20A 3-SHTS C	X	X			X
AK58-00030-0000	CBL-ASSY: EXT FRAME TAG MEM. C					
AK58-00031-0000	CBL-ASSY: SIDE-CONSOLE C					
AK58-00032-0000	CBL-ASSY: USER SENSE PROX. C	X	X	X	X	X
AK58-00034-0001	CBL-ASSY: CONSOLE; PWR; UPR C	X	X	X	X	X
AK58-00035-0001	CBL-ASSY: MTR-CNTR INTERFACE C					
AK58-00036-0000	CBL-ASSY: EMERGENCY-STOP C	X	X	X	X	X
AK58-00041-0001	CBL-ASSY: H/R SENSORS C	X	X	X	X	X
AK58-00043-0000	CBL-ASSY: SPEED-PICKUP EXTEN C					
AK58-00081-0000	CBL-ASSY: JUMPER; BLK; 4" B	X	X	X	X	X
AK58-00082-0000	CBL-ASSY: JUMPER; WHT; 6" B	X	X	X	X	X
AK58-00083-0000	CBL-ASSY: JUMPER; GR/YL; 5" B	X	X	X	X	X
AK58-00210-0000	XFRMR-BRKT ASSY: MFG. C		X	X	X	
AK58-00222-0000	CBL-ASSY: POWER; 120V C					
AK58-00224-0001	CBL-ASSY: MOV; FILTER C	X	X	X	X	X
AK58-00263-0000	CBL-ASSY: HI-POT JUMPER B	X	X	X	X	X
AK58-00520-0000	CBL-ASSY: POWER; 100-200V C	X				X
AK58-00522-0000	CBL-ASSY: JUMPER; POWER; LED-CONS B	X	X	X	X	X
AK58-00524-0000	CBL-ASSY: THERMAL ADAPTER B	X	X	X	X	X
AK58-00596-0001	CBL-ASSY: POWER; 230-240V; LED; S/C-C		X	X	X	

PART NUMBER	PART DESCRIPTION	93T-XXXX-08				
		0301 230/50 **CON**	**0400** 120/60 **DOM**	**0401** 230/50 **CON**	**0501** 230/50 **CON**	**0601** 230/50 **CON**
0017-00003-0626	CIRCUIT-BREAKER: 2A S/C#18-D	X		X	X	X
0017-00003-0898	FILTER: LINE; 10-AMP 4-SHT C	X		X	X	X
0017-00003-0950	CIRCUIT-BREAKER: 4A S/C#18-D					
0017-00003-1015	FILTER: LINE; 20A 3-SHTS C		X			
AK58-00030-0000	CBL-ASSY: EXT FRAME TAG MEM. C					
AK58-00031-0000	CBL-ASSY: SIDE-CONSOLE C					
AK58-00032-0000	CBL-ASSY: USER SENSE PROX. C	X	X	X	X	X
AK58-00034-0001	CBL-ASSY: CONSOLE; PWR; UPR C	X	X	X	X	X
AK58-00035-0001	CBL-ASSY: MTR-CNTR INTERFACE C					
AK58-00036-0000	CBL-ASSY: EMERGENCY-STOP C	X	X	X	X	X
AK58-00041-0001	CBL-ASSY: H/R SENSORS C	X	X	X	X	X
AK58-00043-0000	CBL-ASSY: SPEED-PICKUP EXTEN C					
AK58-00081-0000	CBL-ASSY: JUMPER; BLK; 4" B	X	X	X	X	X
AK58-00082-0000	CBL-ASSY: JUMPER; WHT; 6" B	X	X	X	X	X
AK58-00083-0000	CBL-ASSY: JUMPER; GR/YL; 5" B	X	X	X	X	X
AK58-00210-0000	XFRMR-BRKT ASSY: MFG. C	X		X	X	X
AK58-00222-0000	CBL-ASSY: POWER; 120V C					
AK58-00224-0001	CBL-ASSY: MOV; FILTER C	X	X	X	X	X
AK58-00263-0000	CBL-ASSY: HI-POT JUMPER B	X	X	X	X	X
AK58-00520-0000	CBL-ASSY: POWER; 100-200V C		X			
AK58-00522-0000	CBL-ASSY: JUMPER; POWER; LED-CONS B	X	X	X	X	X
AK58-00524-0000	CBL-ASSY: THERMAL ADAPTER B	X	X	X	X	X
AK58-00596-0001	CBL-ASSY: POWER; 230-240V; LED; S/C-C	X		X	X	X

PART NUMBER	PART DESCRIPTION	93T-XXXX-08				
		0705 100/50 **DOM**	**0706** 200/50 **DOM**	**0800** 120/50 **DOM**	**0801** 230/50 **CON**	**1601** 230/50 **CON**
0017-00003-0626	CIRCUIT-BREAKER: 2A S/C#18-D		X		X	X
0017-00003-0898	FILTER: LINE; 10-AMP 4-SHT C				X	X
0017-00003-0950	CIRCUIT-BREAKER: 4A S/C#18-D					
0017-00003-1015	FILTER: LINE; 20A 3-SHTS C	X	X	X		
AK32-00020-0002	CBL-ASSY: COAX; 120" S/C-B	X	X	X	X	X
AK32-00078-0001	CBL-ASSY: PWR EXT; 120" S/C-C	X	X	X	X	X
AK58-00030-0000	CBL-ASSY: EXT FRAME TAG MEM. C					
AK58-00031-0000	CBL-ASSY: SIDE-CONSOLE C	X	X			
AK58-00032-0000	CBL-ASSY: USER SENSE PROX. C	X	X	X	X	X
AK58-00034-0001	CBL-ASSY: CONSOLE; PWR; UPR C	X	X	X	X	X
AK58-00035-0001	CBL-ASSY: MTR-CNTR INTERFACE C					
AK58-00036-0000	CBL-ASSY: EMERGENCY-STOP C	X	X	X	X	X
AK58-00041-0001	CBL-ASSY: H/R SENSORS C	X	X	X	X	X
AK58-00043-0000	CBL-ASSY: SPEED-PICKUP EXTEN C					
AK58-00081-0000	CBL-ASSY: JUMPER; BLK; 4" B	X	X	X	X	X
AK58-00082-0000	CBL-ASSY: JUMPER; WHT; 6" B	X	X	X	X	X
AK58-00083-0000	CBL-ASSY: JUMPER; GR/YL; 5" B	X	X	X	X	X
AK58-00210-0000	XFRMR-BRKT ASSY: MFG. C		X		X	X
AK58-00222-0000	CBL-ASSY: POWER; 120V C	X				
AK58-00224-0001	CBL-ASSY: MOV; FILTER C	X	X	X	X	X
AK58-00237-0000	CBL-ASSY: POLAR/E-STOP C	X	X	X	X	X
AK58-00263-0000	CBL-ASSY: HI-POT JUMPER B	X	X	X	X	X
AK58-00520-0000	CBL-ASSY: POWER; 100-200V C	X		X		
AK58-00522-0000	CBL-ASSY: JUMPER; POWER; LED-CONS B	X	X	X	X	X
AK58-00524-0000	CBL-ASSY: THERMAL ADAPTER B	X	X	X	X	X
AK58-00596-0001	CBL-ASSY: POWER; 230-240V; LED; S/C-C		X		X	X